# Pixie cloud API

* Revision history

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 2019/4/26 | 1.0.0 | Initialize | Hand Wu |

# Definition

* Server

|  |  |
| --- | --- |
| Environment | Domain |
| Dev | https://pixiedev.compal-health.com/trial |

* Response

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Type | Required | Description |
| code | Number | Y | 0 means success, and the others are some error happen |
| message | String | N | The error description. It would be empty when success. |
| result | Object | N | Ref to each response result of API |

* Swagger

<https://pixiedev.compal-health.com/trial/api-docs>

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# Register

|  |  |  |  |
| --- | --- | --- | --- |
| Description |  | | |
| Url | /api/v1/authorization/sign\_up | | |
| Method | POST | | |
| Headers |  | | |
| Request | | | |
| Parameter | Type | Required | Description |
| account | String | Y | User’s identity, must be an e-mail |
| password | String | Y | User’s password |
| birthday | Date | Y | User’s birthday |
| Response result | | | |
| Parameter | Type | Required | Description |
| code | String |  | The grant code for changing access token |
| Example | | | |
| {  "code": 0,  "message": "",  "result": {}  } | | | |

# Login

|  |  |  |  |
| --- | --- | --- | --- |
| Description |  | | |
| Url | /api/v1/authorization/login | | |
| Method | POST | | |
| Headers |  | | |
| Request | | | |
| Parameter | Type | Required | Description |
| account | String | Y | User’s identity, must be an e-mail |
| password | String | Y | User’s password |
| Response result | | | |
| Parameter | Type | Required | Description |
| code | String |  | The grant code for changing access token |
| Example | | | |
| {  "code": 0,  "message": "",  "result": {  "code": "xxxxxxxxxxxxxxxxxxxxxxxxx"  }  } | | | |

# Logout

|  |  |  |  |
| --- | --- | --- | --- |
| Description |  | | |
| Url | /api/v1/authorization/logout | | |
| Method | POST | | |
| Headers | "Authorization": "Bearer {access token}" | | |
| Request | | | |
| Parameter | Type | Required | Description |
| Response result | | | |
| Parameter | Type | Required | Description |
| Example | | | |
| {  "code": 0,  "message": "",  "result": "Logout done"  } | | | |

# Error codes

|  |  |
| --- | --- |
| code | description |
| 0 | Success |
| 10001 | E-mail is empty |
| 10002 | Password is empty |
| 10003 | Not an email format |
| 10004 | Account has been registered |
| 10005 | Client id is empty |
| 10006 | Grant code is empty |
| 10007 | Grant code has expired |
| 10008 | Account id is empty |
| 10009 | Access token is empty |
| 10010 | Refresh token is empty |
| 10011 | Token type is empty |
| 10012 | Grant code is not founded |
| 10013 | Access token is not founded |
| 10014 | Access token has expired |
| 10015 | Account is not Founded |
| 10016 | Password is not match |
| 10017 | Client id is empty |
| 10018 | Client secret is empty |
| 10019 | Client secret is not match |
| 10020 | The format of client credential is wrong |
| 10021 | The authorization is not basic type |
| 10022 | The authorization is not bearer type |
| 10023 | The client credential is not founded |
| invalid\_request | Standard oauth2 error, bad request, there are wrong parameters |
| invalid\_client | Standard oauth2 error, client id or secret is wrong |
| invalid\_grant | Standard oauth2 error, grant code error |
| server\_error | Standard oauth2 error, other error |